

## Storm Data and Unusual Weather Phenomena - June 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>INDIANA, South Central</b>				
<b>CRAWFORD COUNTY --- 0.5 E MARENGO [38.37, -86.34]</b>				
	06/03/10 04:20 EST		0	Thunderstorm Wind (EG 52 kt)
	06/03/10 04:20 EST		0	Source: Trained Spotter
Telephone lines were blown down by strong winds.				
A weak cool front dropped into southern Indiana and northern Kentucky during the day on June 3. With afternoon heating the atmosphere destabilized and scattered thunderstorms were able to develop. A few of these storms became strong enough to produce isolated damaging wind gusts.				
<b>WASHINGTON COUNTY --- 0.2 ENE HARDINSBURG [38.47, -86.28]</b>				
	06/13/10 20:55 EST		0	Thunderstorm Wind (EG 52 kt)
	06/13/10 20:55 EST		0	Source: Law Enforcement
A roof was blown off a barn on Hardinsburg-Livonia Rd.				
An outflow boundary from earlier convection served as the focus for isolated afternoon thunderstorms in southern Indiana. Isolated wind damage was produced by one of these storms in Washington county.				
<b>JEFFERSON COUNTY --- 1.3 WNW DUPONT [38.89, -85.52]</b>				
	06/15/10 17:45 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 17:45 EST		0	Source: Law Enforcement
Power lines were blown down.				
<b>DUBOIS COUNTY --- IRELAND [38.42, -87.00]</b>				
	06/15/10 17:56 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 17:56 EST		0	Source: Trained Spotter
Tiles were blown off the roof of a residence.				
<b>PERRY COUNTY --- 2.3 E TELL CITY [37.95, -86.73]</b>				
	06/15/10 18:29 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 18:29 EST		0	Source: Law Enforcement
A tree was blown down on the outskirts of town.				
<b>CRAWFORD COUNTY --- 1.5 NNE MARENGO [38.39, -86.34]</b>				
	06/15/10 18:35 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 18:35 EST		0	Source: Trained Spotter
A large tree was blown down.				
<b>CRAWFORD COUNTY --- GRANTSBURG [38.28, -86.47]</b>				
	06/15/10 18:39 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 18:39 EST		0	Source: Law Enforcement
There were multiple reports of trees down between English and Interstate 64.				
<b>ORANGE COUNTY --- 1.1 W FRENCH LICK [38.55, -86.64]</b>				
	06/15/10 18:41 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 18:41 EST		0	Source: Law Enforcement
A tree was blown down across a power line.				
<b>FLOYD COUNTY --- GEORGETOWN [38.30, -85.97]</b>				
	06/15/10 19:00 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:00 EST		0	Source: Trained Spotter

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Winds of 45-50 mph sustained with estimated gusts to 60 mph were observed with the gust front ahead of the storms. The leading edge of the storm had a pronounced curve.				
<b>HARRISON COUNTY --- 0.7 N LANESVILLE [38.24, -85.98]</b>				
	06/15/10 19:02 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:02 EST		0	Source: Broadcast Media
Several trees were blown down.				
<b>WASHINGTON COUNTY --- MARTINSBURG [38.45, -86.03]</b>				
	06/15/10 19:05 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:05 EST		0	Source: Trained Spotter
A trained spotter reported estimated wind gusts of 60 mph.				
<b>FLOYD COUNTY --- FLOYDS KNOBS [38.32, -85.87]</b>				
	06/15/10 19:07 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:07 EST		0	Source: Broadcast Media
Power lines were blown down.				
<b>CLARK COUNTY --- SPEED [38.42, -85.75]</b>				
	06/15/10 19:14 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:14 EST		0	Source: Broadcast Media
Power lines were blown down.				
<b>CLARK COUNTY --- 0.7 N ST JOSEPH HILL [38.39, -85.78]</b>				
	06/15/10 19:15 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:15 EST		0	Source: Broadcast Media
Broadcast media reported estimated wind gusts of 60 mph.				
<b>CLARK COUNTY --- BENNETTSTOWN [38.43, -85.80]</b>				
	06/15/10 19:15 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:15 EST		0	Source: Trained Spotter
A trained spotter reported estimated wind gusts of 60 mph.				
<b>HARRISON COUNTY --- DOGWOOD [38.10, -86.08]</b>				
	06/15/10 19:46 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:46 EST		0	Source: Law Enforcement
One tree was blown down and a power line was down in the southern part of Harrison county.				
<b>JEFFERSON COUNTY --- 1.3 ESE NORTH MADISON [38.76, -85.38]</b>				
	06/15/10 19:46 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 19:46 EST		0	Source: Broadcast Media
A tree was blown down.				
<b>FLOYD COUNTY --- 0.8 NE DUNCAN [38.29, -85.91]</b>				
	06/15/10 20:00 EST		0	Thunderstorm Wind (EG 52 kt)
	06/15/10 20:00 EST		0	Source: Broadcast Media
Trees were blocking Interstate 64 westbound near the Greenville Exit 119.				
During the afternoon hours destabilization with daytime heating led to scattered thunderstorms across southern Indiana and central Kentucky. During the late afternoon and evening hours an MCS moving southward into the region led to more widespread strong to severe convection. These storms produced numerous reports of damaging winds across much of southern Indiana.				

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<b>KENTUCKY, Central</b>				
<b>OHIO COUNTY --- 1.0 E RALPH [37.62, -86.83], 0.5 ESE RALPH [37.62, -86.84], 0.7 ESE RALPH [37.62, -86.84], 1.2 ESE RALPH [37.62, -86.83]</b>				
	06/02/10 13:40 CST		0	Flash Flood (due to Heavy Rain)
	06/02/10 13:40 CST		0	Source: Trained Spotter
Highway 1414 at Magen Road had several inches of water over the roadway.				
<b>OHIO COUNTY --- 0.4 WNW ELLMITCH [37.63, -86.71]</b>				
	06/02/10 13:49 CST		0	Thunderstorm Wind (EG 52 kt)
	06/02/10 13:49 CST		0	Source: Emergency Manager
A tree was down and blocking State Highway 54 at mile marker 11 east of Fordsville.				
<b>OHIO COUNTY --- 0.5 NW HORTON [37.44, -86.81]</b>				
	06/02/10 14:00 CST		0	Thunderstorm Wind (EG 52 kt)
	06/02/10 14:00 CST		0	Source: Emergency Manager
A tree was blown down near Bethel Church Road near Beaver Dam.				
<b>GRAYSON COUNTY --- BIG CLIFTY [37.55, -86.15]</b>				
	06/02/10 14:19 CST		0	Hail (1.00 in)
	06/02/10 14:19 CST		0	Source: Trained Spotter
<b>GRAYSON COUNTY --- 1.3 ESE CLARKSON [37.49, -86.20]</b>				
	06/02/10 14:35 CST		0	Thunderstorm Wind (EG 52 kt)
	06/02/10 14:35 CST		0	Source: Trained Spotter
A barn roof was partially removed along US 62.				
<b>HARDIN COUNTY --- 2.1 SW FLINT HILL [37.48, -86.03]</b>				
	06/02/10 15:43 EST		0	Thunderstorm Wind (EG 52 kt)
	06/02/10 15:43 EST		0	Source: Trained Spotter
A spotter estimated 50 to 60 mph winds. Many limbs were blown down including some up to 3 inches in diameter.				
<b>LARUE COUNTY --- 1.8 ENE MATHERS MILL [37.54, -85.74]</b>				
	06/02/10 16:02 EST		0	Hail (0.88 in)
	06/02/10 16:02 EST		0	Source: Trained Spotter
A southwesterly low level jet during the afternoon hours on the second helped to bring in moist air to central Kentucky which led to destabilization of the atmosphere. In addition outflow boundaries from earlier convection to the northwest provided a focus for convective activity. With shear higher than normal for the time of year, storms that formed during the afternoon hours produced hail and damaging wind gusts.				
<b>LOGAN COUNTY --- 0.8 NW LEWISBURG [36.99, -86.94]</b>				
	06/03/10 16:49 CST		0	Thunderstorm Wind (EG 52 kt)
	06/03/10 16:49 CST		0	Source: Law Enforcement
Trees were blown down on Green Rd. and Highway 106 in Lewisburg.				
<b>MADISON COUNTY --- 1.0 NNE WACO [37.74, -84.14]</b>				
	06/03/10 18:17 EST		0	Thunderstorm Wind (EG 52 kt)
	06/03/10 18:17 EST		0	Source: Fire Department/Rescue
The Waco fire department reported estimated winds of 60 mph.				
A weak cool front dropped into southern Indiana and northern Kentucky during the day on June 3. With afternoon heating the atmosphere destabilized and scattered thunderstorms were able to develop. A few of these storms became strong enough to produce isolated damaging wind gusts.				
<b>ADAIR COUNTY --- 1.2 ENE BLISS [37.09, -85.35], 1.2 NW COLUMBIA LUDOT ARPT [37.09, -85.34]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/09/10 17:10 CST		0	Tornado (EF0, L: 0.60 mi , W: 40 yd)
	06/09/10 17:12 CST		0	Source: Broadcast Media

Numerous trees were blown down with one partially uprooted and fallen on a house. A barn was also demolished. The tornado was an EF-0 with winds estimated to be 80 to 83 mph. The tornado was 40 yards wide and was on the ground for approximately two-thirds of a mile.

**A hot muggy airmass with precipitable water values well above normal was in place across south central Kentucky. During the late morning hours a low level jet developed across the region. Numerous showers and thunderstorms developed across the area. Most of these storms were sub-severe, but one produced a brief EF-0 tornado in Adair county.**

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### OHIO COUNTY --- 0.5 WSW FORDSVILLE [37.63, -86.73]

06/11/10 07:35 CST	0	Thunderstorm Wind (EG 52 kt)
06/11/10 07:35 CST	0	Source: Law Enforcement

Trees were blown down on State Route 69 south of Fordsville.

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### MADISON COUNTY --- 1.5 NNE REDHOUSE [37.85, -84.26]

06/11/10 14:25 EST	0	Thunderstorm Wind (EG 52 kt)
06/11/10 14:25 EST	0	Source: Fire Department/Rescue

Several trees were blown down at the intersection of Red House Rd. and East Prong Rd. and were blocking the road.

**A warm front stretching across southern Indiana and far north central Kentucky moved farther north during the daytime hours. This left central Kentucky in a warm moist unstable atmosphere with dew point temperatures in the lower to mid 70s. While numerous showers developed across central Kentucky only a couple of them produced damaging wind gusts.**

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### OHIO COUNTY --- 0.5 NNE FORDSVILLE [37.64, -86.72]

06/15/10 17:52 CST	0	Thunderstorm Wind (EG 52 kt)
06/15/10 17:52 CST	0	Source: COOP Observer

Limbs were blown down in Fordsville. The limbs were about 3 inches in diameter and 20 feet long.

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### BRECKINRIDGE COUNTY --- CLOVERPORT [37.83, -86.63]

06/15/10 18:05 CST	0	Thunderstorm Wind (EG 52 kt)
06/15/10 18:05 CST	0	Source: Trained Spotter

Tree damage was reported with winds estimated to be between 55-60 mph.

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### OLDHAM COUNTY --- 1.4 SE BELKNAP BEACH [38.36, -85.60]

06/15/10 19:23 EST	0	Thunderstorm Wind (EG 52 kt)
06/15/10 19:23 EST	0	Source: Broadcast Media

A tree was blown down on US 42.

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### BULLITT COUNTY --- 1.6 NE SHEPHERDSVILLE [38.00, -85.70]

06/15/10 20:05 EST	0	Thunderstorm Wind (EG 52 kt)
06/15/10 20:05 EST	0	Source: Emergency Manager

A tree was blown down on Eastview Rd. in Shepherdsville.

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### HENRY COUNTY --- 0.9 NW CAMPBELLSBURG [38.53, -85.21]

06/15/10 20:05 EST	0	Thunderstorm Wind (EG 52 kt)
06/15/10 20:05 EST	0	Source: Law Enforcement

Power lines were blown down.

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### BULLITT COUNTY --- 1.3 N SHEPHERDSVILLE [38.00, -85.72]

06/15/10 20:07 EST	0	Thunderstorm Wind (EG 52 kt)
06/15/10 20:07 EST	0	Source: Amateur Radio

Winds were estimated to be 60 mph at Shepherdsville Elementary School.

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### TAYLOR COUNTY --- 1.5 NW CAMPBELLSVILLE ARPT [37.37, -85.34]

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	06/15/10 22:05 EST		0	Thunderstorm Wind (EG 50 kt)
	06/15/10 22:05 EST		0	Source: Emergency Manager
A tree was blown down and an awning blown off the Taylor Regional Hospital onto a car. Estimated wind speeds were between 55 and 60 mph.				
<b>During the afternoon hours destabilization with daytime heating led to scattered thunderstorms across southern Indiana and central Kentucky. During the late afternoon and evening hours an MCS moving southward into the region led to more widespread strong convection. These storms produced damaging winds across mainly north central Kentucky.</b>				
<b>HARRISON COUNTY --- 1.1 ESE POINDEXTER [38.42, -84.28]</b>				
	06/21/10 12:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 12:30 EST		0	Source: Law Enforcement
A tree was down over Highway 27 near Northside Elementary School.				
<b>HARRISON COUNTY --- 0.4 E BERRY [38.52, -84.37]</b>				
	06/21/10 12:35 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 12:35 EST		0	Source: Department of Highways
Two trees were blown down on Berry Robinson Rd.				
<b>HARRISON COUNTY --- 1.8 NW BRECKINRIDGE [38.45, -84.39]</b>				
	06/21/10 12:40 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 12:40 EST		0	Source: Department of Highways
One tree was reported down in Renaker.				
<b>HARRISON COUNTY --- CONNERSVILLE [38.38, -84.42]</b>				
	06/21/10 13:05 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 13:05 EST		0	Source: Department of Highways
Multiple trees were blown down in Connerville.				
<b>BOURBON COUNTY --- 0.5 ENE JACKSONVILLE [38.27, -84.36]</b>				
	06/21/10 13:10 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 13:10 EST		0	Source: Emergency Manager
Two trees were blown down along with numerous large branches along Townsend Valley Rd.				
<b>CLARK COUNTY --- 1.5 NE FOREST GROVE [37.97, -84.21], 1.5 NE FOREST GROVE [37.97, -84.21], 1.2 NE FOREST GROVE [37.96, -84.22], 1.2 NE FOREST GROVE [37.96, -84.22]</b>				
	06/21/10 13:20 EST		0	Flash Flood (due to Heavy Rain)
	06/21/10 13:20 EST		0	Source: Law Enforcement
Old Boonesboro Rd. and Fieldstone Way were closed due to high water.				
<b>FAYETTE COUNTY --- 2.8 SW LEXINGTON [38.02, -84.54]</b>				
	06/21/10 13:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 13:30 EST		0	Source: Trained Spotter
A tree was down on Springridge Dr. and was blocking the road.				
<b>FRANKLIN COUNTY --- 1.1 WSW OTTUSVILLE [38.31, -84.90], 1.5 E FLAG FORK [38.32, -84.92], 1.3 E FLAG FORK [38.32, -84.93], 1.1 WSW OTTUSVILLE [38.31, -84.90]</b>				
	06/21/10 13:30 EST		0	Flash Flood (due to Heavy Rain)
	06/21/10 13:30 EST		0	Source: Emergency Manager
Several inches of water was flowing over Harp Pike and Flat Creek roads.				
<b>FAYETTE COUNTY --- 2.3 ESE LEXINGTON [38.04, -84.46]</b>				
	06/21/10 13:35 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 13:35 EST		0	Source: Department of Highways

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Several trees were down throughout Lexington on Paynes Mill Rd, Alexandria Dr, Bosworth Rd, and Caulder Rd.				
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<b>MADISON COUNTY --- 1.0 ESE RICHMOND [37.75, -84.28]</b>				
	06/21/10 14:00 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 14:00 EST		0	Source: Emergency Manager
A tree was blown down on Fairview Rd.				
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<b>MADISON COUNTY --- 1.6 W DULUTH [37.58, -84.20]</b>				
	06/21/10 14:15 EST		0	Thunderstorm Wind (EG 52 kt)
	06/21/10 14:15 EST		0	Source: Emergency Manager
Several trees were blown down in Duluth.				
An MCS in Illinois produced an outflow boundary that moved southeastward into southern Indiana and eventually into the Bluegrass region of Kentucky. As this moved into a high instability environment storms developed and intensified as they reached the Bluegrass. With a low shear environment the storms mainly produced damaging wind gusts. Training of storms also led to some localized flash flooding with a couple of roads closed across the region.				
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<b>BOYLE COUNTY --- 0.6 E BAUGHAM HGTS [37.63, -84.77]</b>				
	06/24/10 13:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/24/10 13:30 EST		0	Source: Emergency Manager
A roof was blown off a barn.				
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<b>CASEY COUNTY --- DUNNVILLE [37.20, -85.00]</b>				
	06/24/10 14:55 EST		0	Thunderstorm Wind (EG 52 kt)
	06/24/10 14:55 EST		0	Source: Emergency Manager
A tree was blown down and was blocking the roadway.				
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<b>CASEY COUNTY --- 1.1 W MINTONVILLE [37.18, -84.84]</b>				
	06/24/10 14:57 EST		0	Thunderstorm Wind (EG 52 kt)
	06/24/10 14:57 EST		0	Source: Fire Department/Rescue
Wind gusts estimated to be 60 mph were reported in Mintonville.				
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<b>BOYLE COUNTY --- 0.9 NE JUNCTION CITY [37.59, -84.79]</b>				
	06/24/10 15:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/24/10 15:30 EST		0	Source: Trained Spotter
A trained spotter reported an estimated wind gust of 60 mph.				
A cold front stretched along the Ohio River by mid-morning. South of this front high instability led to development of storms across south Central Kentucky. Despite convective debris from an earlier MCS, a couple of storms were able to become strong enough to produce damaging wind gusts.				